

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Jul 2026

The effect of educational intervention based on protection motivation theory on farmers empowerment for skin cancer preventive behaviors

Protocol summary

Summary

This study aimed to empower farmers against skin cancer. This study was an experimental intervention. Participants will be selected from farmers. The main inclusion criteria include male gender, farming in spring and summer, at least a primary literacy, lack of skin cancer in persons and their families and exclusion criteria include refusal for participation in the study. The sample size was obtained 114 persons for each group, of course considering probability of loss of patients around 10%, The sample size was 124 persons for each group. After selecting the intervention and control groups, the data will be collected in two stages: The first phase of data collection will be before the intervention and the second stage 3 months after the intervention. Data will be collected using a questionnaire of based on the protection motivation theory. In the stage before the intervention, the per-test will be done in both intervention and control groups ,and after analyzing the data, resources, limitation, needs, and strengths and weaknesses in different fields are identified , then type of content, teaching methods, time and the number of training sessions are designed based on the steps. Outcomes of the study is preventive behaviors in farmers, before and after training

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015010315422N2**
Registration date: **2015-01-18, 1393/10/28**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-01-18, 1393/10/28

Registrant information

Name

Towhid Babazadeh

Name of organization / entity

Tehran University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-09-23, 1394/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of educational intervention based on protection motivation theory on farmers empowerment for skin cancer preventive behaviors

Public title

The effect of education on prevention of high risk behaviors of skin cancer in farmers

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criteria: male; farming in spring and summer seasons; subjects with elementary graduate; lack of skin cancer in participants and their family Exclusion criteria:

Migration of Chalderan county period of the study; The died person time interval of the study; uninteresting to participate in the study

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **248**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tabriz University of Medical Sciences

Street address

Ethics Committee, Third Floor, Central Building 2,
Tabriz University of Medical Science, Golgashte,
Tabriz

City

Tabriz

Postal code

Approval date

2014-11-24, 1393/09/03

Ethics committee reference number

93128

Health conditions studied

1

Description of health condition studied

Skin Cancer

ICD-10 code

C44.6

ICD-10 code description

Skin Cancer

Primary outcomes

1

Description

Risky behaviors

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Perceived susceptibility toward skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

2

Description

Perceived severity of toward skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

3

Description

The perceived rewards toward skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

4

Description

Self-efficacy toward skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

5

Description

Response efficacy toward skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

6

Description

Response cost toward skin cancer

Timepoint

Before the intervention and 3 months after intervention
Method of measurement
Questionnaire

7

Description

Protection motivation against to skin cancer

Timepoint

Before the intervention and 3 months after intervention

Method of measurement

Questionnaire

Intervention groups

1

Description

The Intervention group: In this study the intervention will be holding the training sessions. The intervention would be based on information obtained from the questionnaire.

Category

Behavior

2

Description

The control group: Training in groups is not but after the end of data collection in the end of study, educational pamphlets and pamphlets will be given to the control group.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Chaldran Health Network

Full name of responsible person

Towhid Babazadeh

Street address

Chaldran Health Network, City Chaldoran, West
Azerbaijan province

City

Chaldoran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Mohammad-Reza Rashidi

Street address

Deputy for Research and Technology, Third Floor,
Central Building 2, Tabriz University of Medical

Sciences, Golgasht, Tabriz

City

Tabriz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Tabriz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Towhid Babazadeh

Position

PhD student

Other areas of specialty/work

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty